



National Aeronautics and Space Administration

5...4...3...2...1...

# SPACE LAUNCH SYSTEM

**NASA'S SPACE LAUNCH SYSTEM  
MARKS CRITICAL DESIGN REVIEW**

**Chris Singer**

**Deputy Chief Engineer for Engineering Integration,  
Office of Chief Engineer, NASA Headquarters**

*May 17, 2016*





# EXPLORATION: THE NEXT HORIZON

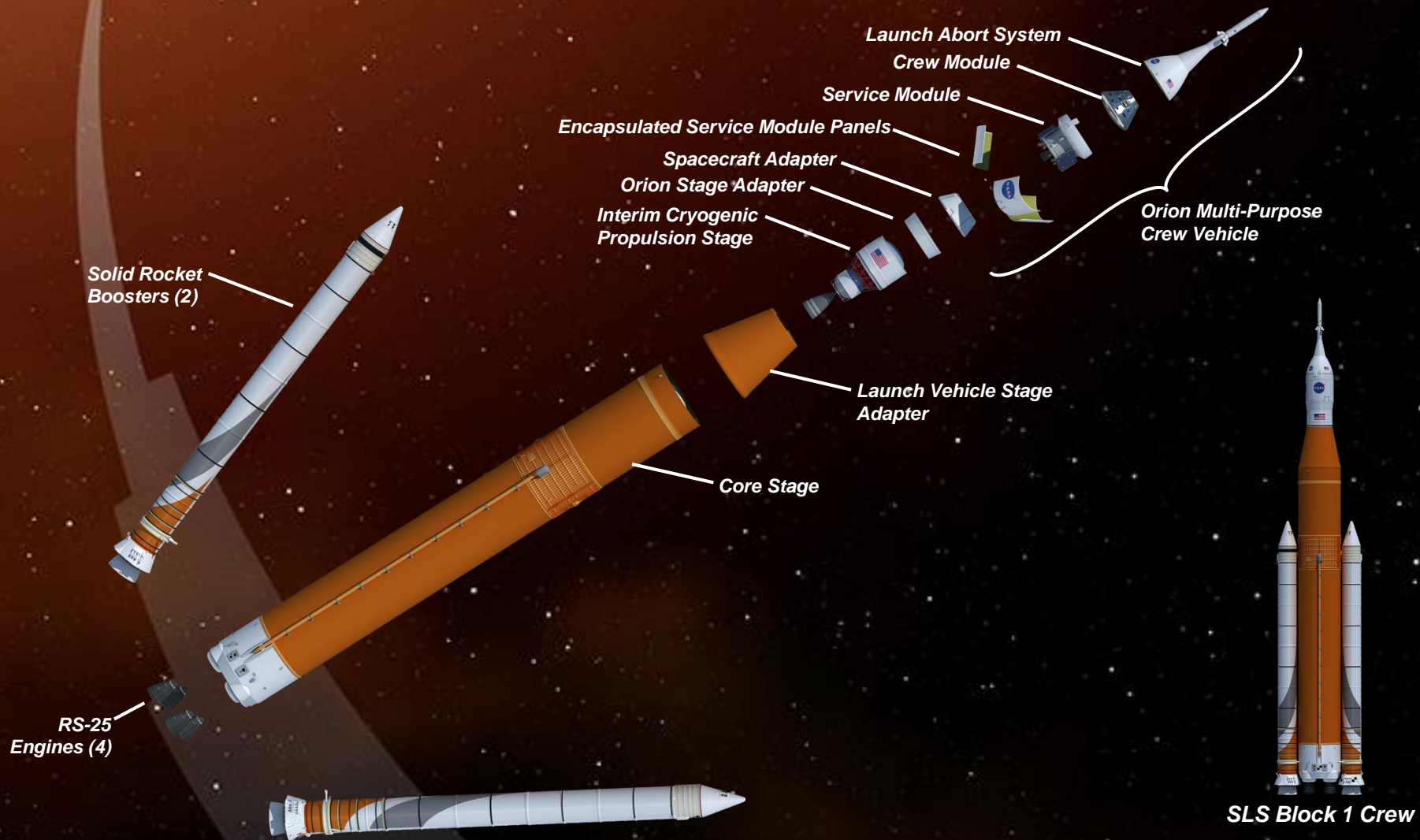


# INTRODUCTION

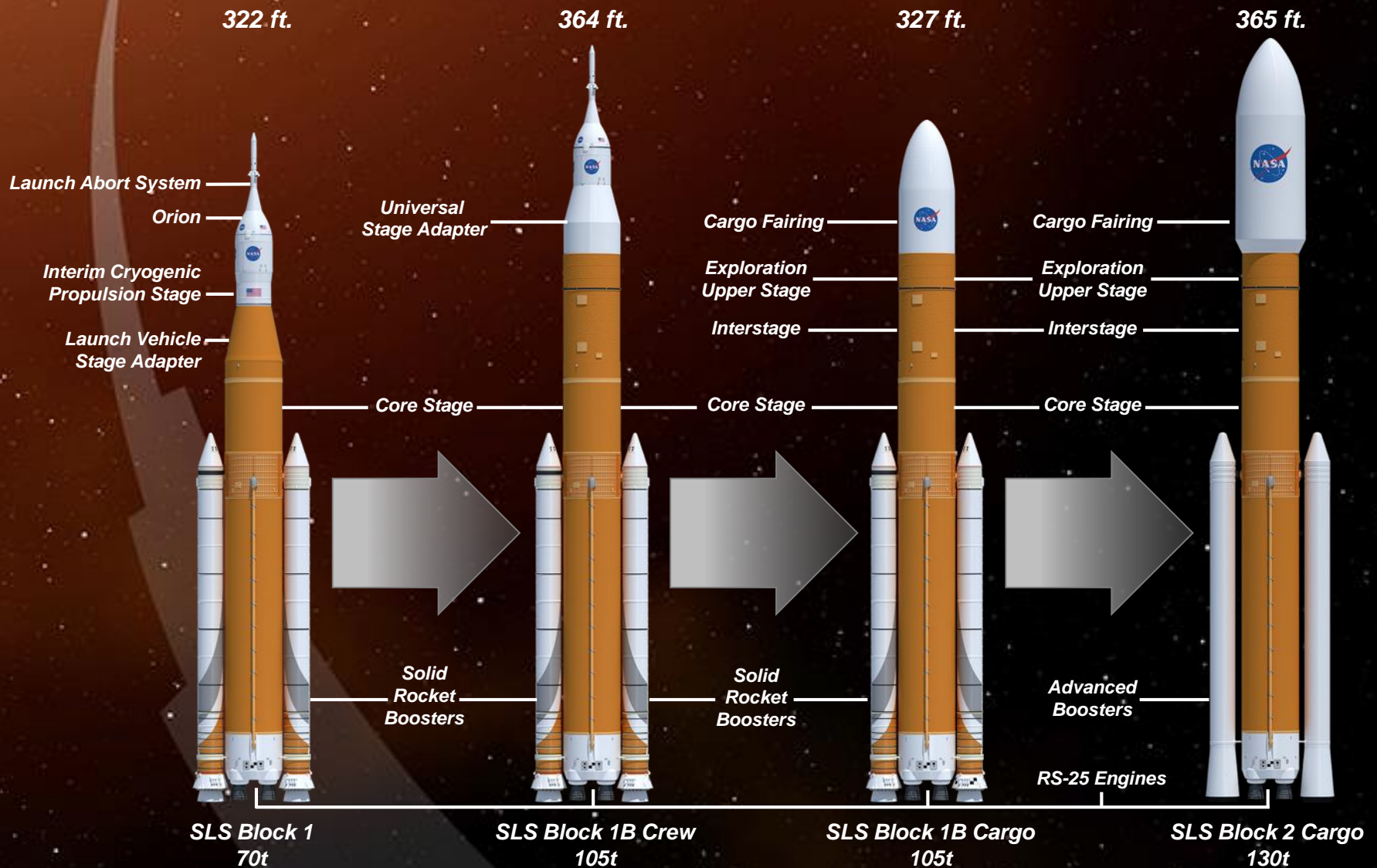




# SLS BLOCK 1 CREW VEHICLE

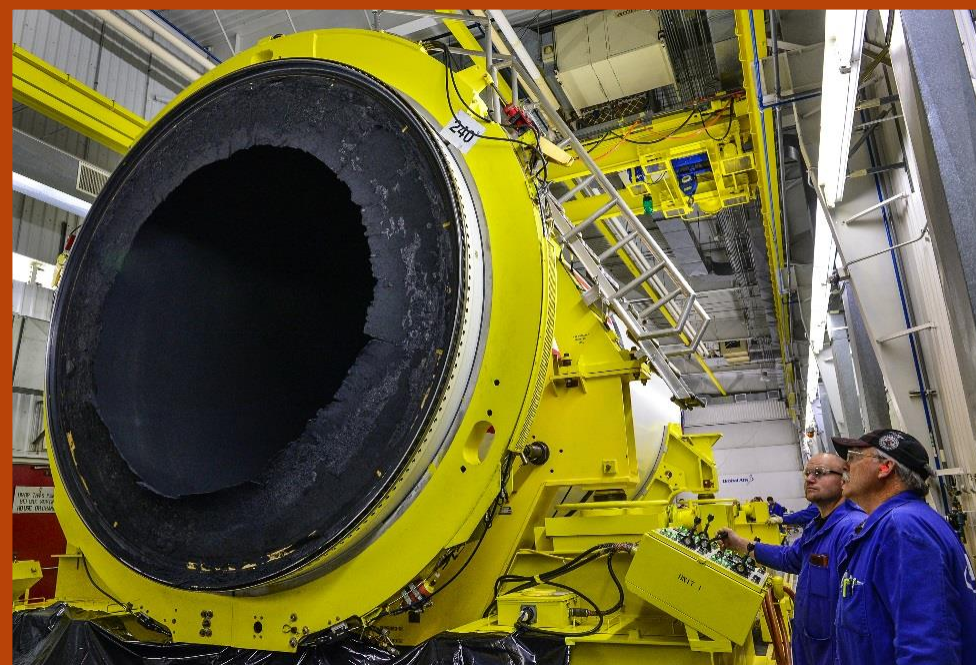


# EVOLVING THE SLS VEHICLE





# SOLID ROCKET BOOSTER





# RS-25 ENGINE



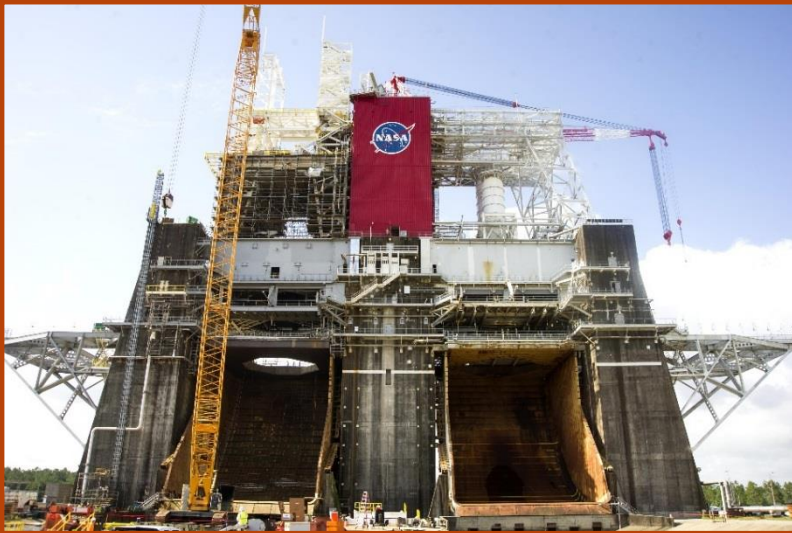


# CORE STAGE





# CORE STAGE TESTING





# STAGE ADAPTER WELDING





# UPPER STAGE TEST ARTICLE



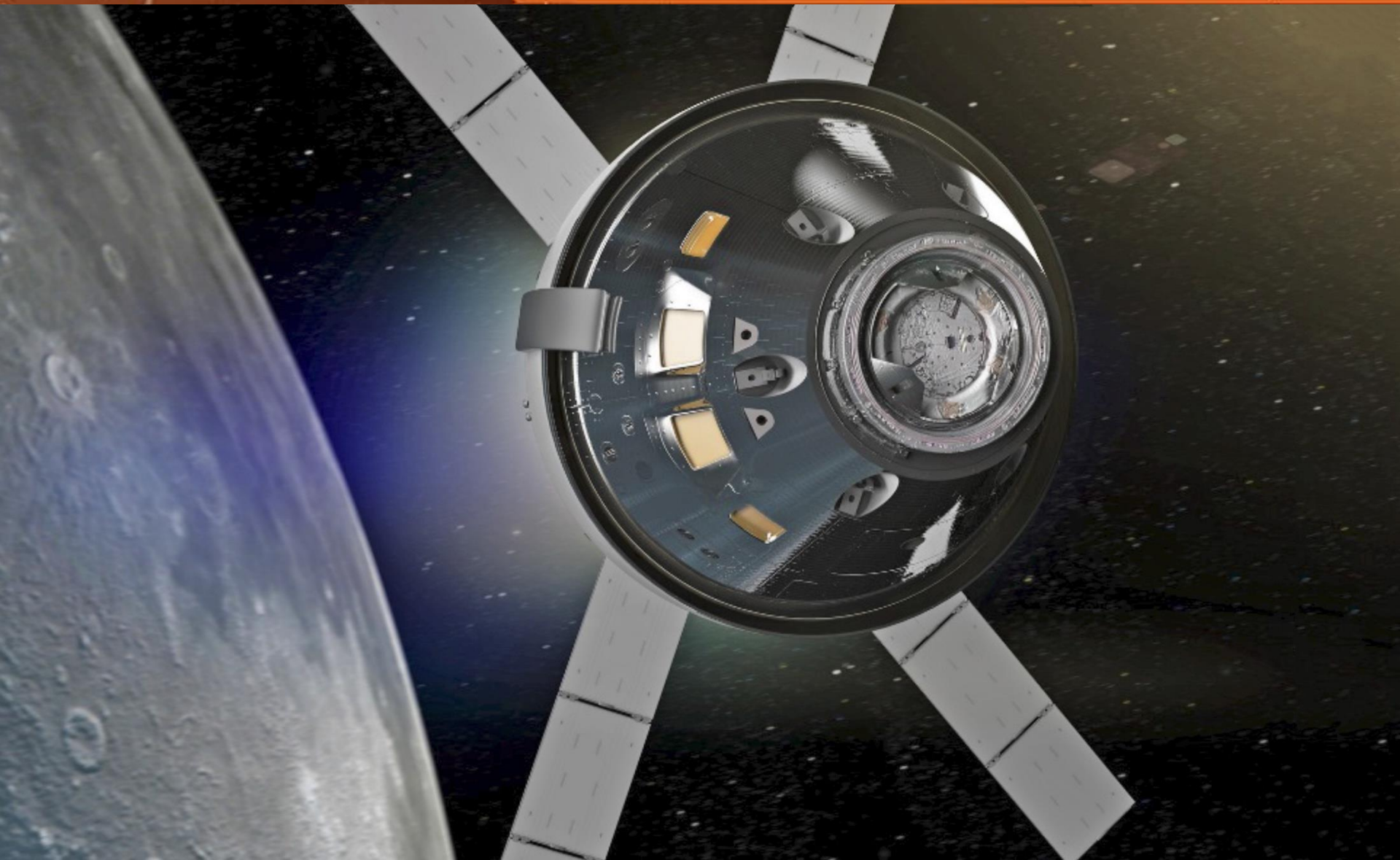


# PEGASUS BARGE





# EXPLORATION MISSION 1

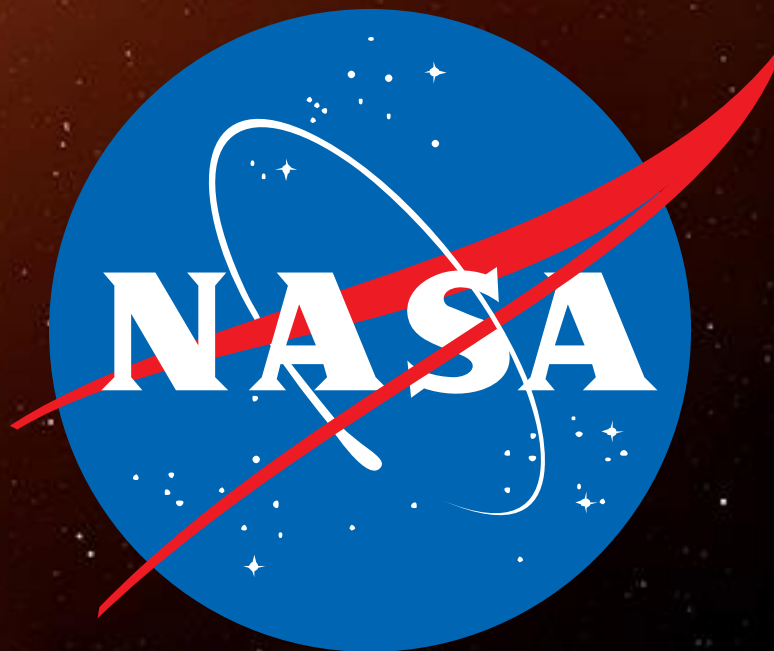


# COUNTDOWN TO THE FUTURE





# QUESTIONS?



[www.nasa.gov/marshall](http://www.nasa.gov/marshall)